



# Silicone Roof Coatings

Extend the Life of your Roof



# POLYGLASS<sup>®</sup>



5 US GAL. - 18,9 Liters/Litres/Litros

# Silicone Roof Coatings

## The Intelligent Choice for Premium Roof Protection

Polyglass silicone coatings provide a highly-reflective, seamless, flexible and durable solution for roof restoration. Approved for most substrate applications, Polyglass silicone systems will provide the building owner an attractive, cost efficient and warranted option for most roof restoration needs.

Polyglass' silicone roof coatings are part of its KOOL ROOF SOLUTIONS - offering you long-term solutions to help keep your building cool while being kind to the environment.

Polyglass silicone roof coatings offer exceptional physical properties, high UV reflectivity and cool roof compliance:

- Can be used to comply with 2016 Title 24 Part 6 Cool Roof Requirements
- CRRC Listed (white only)
- ENERGY STAR® Rated
- ASTM D6694 and C1305 Compliant
- NSF Protocol P151 Compliant

## Why Use Silicone Coatings?

- California VOC complaint
- Ponding water protection
- Extend the useful life of the roof
- Excellent weathering and chemical resistance
- Reduces energy costs by decreasing roof surface temperatures
- Fungal and algal resistance - even in high temperatures
- NSF approved for rainwater catchment (white only)
- Warranted systems available when applied by a Polyglass Registered Contractor

## Approved Substrates

(primer may be required)


- BUR / Modified Bitumen
- Single-ply membranes (TPO, EPDM, PVC)
- Metal
- Spray Polyurethane Foam
- Concrete



# Polyglass Silicone Reflective Coating System

Product	Description
PolyBrite 90.1	High Solids Silicone Roof Coating
PolyBrite 98	One-part Acrylic Primer/Bleed Blocker
PolyBrite 97x	Epoxy Primer (Part A & Part B)
PolyBrite 78	Rinsable EPDM Primer
PolyBrite FMT	Field Mix Thickener

PolyBrite® 90.1 is a premium grade high-solids, moisture-cured, single component liquid-applied silicone coating which forms a seamless membrane when applied over the entire roof area. This formulation provides crack bridging protection and is resistant to ponding water.

 <p><b>CRRC</b> COOL ROOF RATING COUNCIL</p>	<b>Rated Product ID #: 0616-0013</b>		<b>PolyBrite 90.1</b>	
		<b>Smooth</b>		<b>Rough</b>
	<b>Initial / Aged</b>	<b>Initial / Aged</b>		<b>Initial / Aged</b>
<b>Solar Reflectance</b>	<b>0.87 / Pending</b>	<b>Not Rated</b>		
<b>Thermal Emittance</b>	<b>0.89 / Pending</b>	<b>Not Rated</b>		
<p>The ratings above are subject to CRRC rating program conditions, requirements and limitations. Visit <a href="http://coolroofs.org">coolroofs.org</a> for important information and disclaimers about CRRC rating requirements and limitations. For the purposes of a CRRC rating, a rough substrate is defined as a surface that is equally coarse or coarser than a new (i.e., unweathered) #11 granulated modified bitumen sheet.</p>				

**Solar Reflectance Index (SRI) – Initial: 113 • Weathered: 90**



## Accessories for use with PolyBrite 90.1

### PolyBrite 98 One-part Acrylic Primer/Bleed Blocker

- Versatile for a variety of substrates
- Enhances the adhesion of Polyglass silicone coatings
- Low VOC
- Rain resistant after 3 hours

### PolyBrite 78 Rinsable EPDM Primer

- Low viscosity, sprayable liquid primer used to pretreat EPDM membranes prior to silicone roof system installation
- Improves adhesion to EPDM for longer roof applications
- User-friendly, neutral PH Formulation
- Non-corrosive

### PolyBrite 97x Epoxy Primer

- Two component, 1 to 1 ratio, water-based epoxy primer which enhances adhesion to a variety of porous and non-porous surfaces
- Adheres well to most surfaces
- Excellent alkali resistance

### PolyBrite FMT - Field Mix Thickener

- When mixed with PolyBrite silicone roof coatings, the resulting compound allows for excellent vertical hold for most surfaces and various roofing types.
- Applicator can quickly and easily mix this product into PolyBrite silicone roof coatings, on the job site, using hand tools.
- Applicator can determine desired level of thickness by volume (recommended 20% - 50% by volume).

## **POLYGLASS QUALITY**

Polyglass is committed to providing Kool Roof Solutions for your cool roofing needs. Our Kool Roof Solutions are proprietary formulations developed in our state-of-the-art laboratories and manufactured with some of the industry's highest quality raw materials. Whether it's our white coatings or modified bitumen membranes, Polyglass is driven to develop advanced sustainable energy-saving roofing solutions which deliver long-term value for the building owner.



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